

PERFORMANCE BENCHMARKS

402.10E

Stopping the Flow of Water from a Sprinkler Head

Discipline: Fire Protection Systems
Effective: 1/1/2001
Revised: 7/5/2010
Replaces: Firefighter Benchmark #77

Anne Huff, Fire Chief

I. Objective

The firefighter shall demonstrate the proper procedure for stopping the flow of water from a sprinkler head using a sprinkler stop or wedge. The firefighter shall identify the style of sprinkler head, temperature rating, and the conditions at which the control valve may be closed.

II. Instructions – Procedures for Achieving the Objective

While wearing full protective clothing, you shall demonstrate the proper procedure for stopping the flow of water from a sprinkler head using a sprinkler stop or wedge. You shall identify and verbalize to the evaluator the style of sprinkler head, temperature rating, and the conditions at which the system control valve may be closed. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

III. Examiner's Note

The firefighter will not be allowed to review the performance steps at the time of testing. A mock-up for the objective can be created by using a section of pipe with one sprinkler head connected and supplied by a garden hose.

IV. Preparation & Equipment

- A. Sprinkler system or mock-up
- B. Open sprinkler head
- C. Replacement sprinkler head
- D. Wood wedges or commercially-made stopper

Note: The firefighter shall accomplish the skill wearing "FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTER" as required by the Texas Commission on Fire Protection to include helmet, coat, boots, hood, trousers, and SCBA.

V. Reference Sources

- A. TCFP, Performance Standards, Section 114-4.08
- B. NFPA, National Fire Protection Association 1001 3-3.13(b)
- C. IFSTA, Private Fire Protection and Detection, 2nd Edition, page 30.

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Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

If the firefighter:

(No partial points given)

- a) Inserts the sprinkler stop(s) without complication 2.0 _____
- b) Adequately stops the flow of water 2.0 _____
- c) *Verbally identifies the sprinkler head is an upright or pendant style* 2.0 _____
- d) *Verbally identifies the temperature classification given a sprinkler head....* 2.0 _____
- e) **Verbally states the control valve is not to be closed unless directed
by the Incident Commander or Officer in charge**..... P/F _____

- **Bold Letters denotes mandatory passage of this step**

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
8	6	First			
		Second			
		Third			